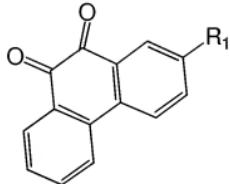


AMENDMENTS TO THE CLAIMS

1. (Withdrawn) A method of protecting a patient from one or more treatments that trigger apoptosis comprising administering to the patient a composition comprising a pharmaceutically acceptable amount of a PTEN inhibitor selected from the group consisting of compounds I-XIV.
2. (Withdrawn) The method of claims 1, wherein the treatment is a cancer treatment.
3. (Withdrawn) The method of claim 2, wherein the PTEN inhibitor is administered prior to, together with, or after a treatment for the cancer.
4. (Withdrawn) The method of claim 2, wherein the treatment is chemotherapy or radiation therapy.
5. (Currently Amended) A method of treating ~~a patient suffering from~~ damage to normal tissue attributable to heart disease, comprising administering to ~~the~~a patient in need thereof a composition comprising a pharmaceutically acceptable amount of a PTEN inhibitor having the formula:



wherein,

R¹ represents H, NO₂, NR⁵R⁶, halogen, cyano, alkyl, alkylaryl, carbonyl, carboxy, COR², or CONR⁵R⁶;

R² and R³ independently represent H, C¹-C⁴ alkyl, aryl, or alkylaryl;

R⁴ represents H, C¹-C⁴ alkyl, aryl, alkylaryl, SO₂R², NHSO₂R², NHCOR², NHCO₂R², N=CR²R³, or NR⁵R⁶;

R⁵ and R⁶ independently represent H, C¹-C⁴ alkyl, aryl, alkylaryl, (CH₂)_nCOXR², (CH₂)_nXR², (CH₂)_nCO(CH₂)_mXR², SO₂R², (CH₂)_nCO(CH₂)_nCOXR², or (CH₂)_nXR²;

m=0-3;

n=0-3; and

X represents CR²R³, O, or NR⁴.

6. (Previously Presented) The method of claim 5, wherein the PTEN inhibitor is administered prior to, together with, or after a treatment for a disease suffered by the patient.

7. (Withdrawn) A method of sensitizing cancer cells to an inhibitor of the PI3 kinase pathway comprising administering to a patient in need of such treatment a PTEN inhibitor selected from the group consisting of compounds I-XIV.

8. (Withdrawn) A method of treating apoptosis associated with a medical procedure comprising administering to a patient in need of such treatment a PTEN inhibitor selected from the group consisting of compounds I-XIV.

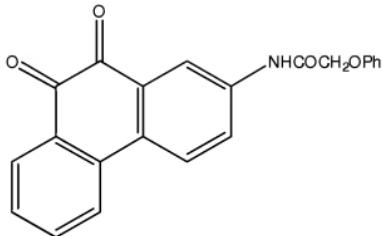
9. (Withdrawn) A method of protecting a patient from radiation or chemical exposure comprising administering to the patient a composition comprising a pharmaceutically acceptable amount of a PTEN inhibitor selected from the group consisting of compounds I-XIV.

10. (Withdrawn) The method of claim 9 wherein the PTEN inhibitor is administered prior to, together with, or after the said radiation or chemical exposure.

11. (Withdrawn) A method of sensitizing cancer stem cells by exposing said cells to a PTEN inhibitor selected from the group consisting of compounds I-XIV.

12. (Withdrawn) The method of claim 9 wherein the PTEN inhibitor is administered prior to, together with, or after a treatment for a disease suffered by the patient.

13. (New) A method of treating damage to normal tissue attributable to heart disease, comprising administering to a patient in need thereof a composition comprising a pharmaceutically acceptable amount of a PTEN inhibitor having the formula:



14. (New) The method of claim 13, wherein the PTEN inhibitor is administered prior to, together with, or after a treatment for a disease suffered by the patient.